

# **(Unclassified // FOUO)**

## **CSWC Operational Period Summary**

### **1800 January 05 2017 to 0600 January 06 2017**



Low elevation snow greets travelers to Upper Lake Rec Area, Mendocino National Forest, Lake County

Photo Credit: Kent Porter/The Press Democrat



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

Duty Officer	
EDO	Sara Stillwell
CSWC Watch Officer	Janice Webb (Day) Grady Tunnell (Night)
STAC Duty Officer	<a href="mailto:STAC@caloes.ca.gov">STAC@caloes.ca.gov</a> 916-275-4069
FDO	Joe Gear
LDO	Sherri Sarro
IDO	Kyle Norderer
CDO	Nancy Smith
SDO	Justin Frieler
PIO	Brad Alexander
TDO	Jeffrey Howell
IT	Dominic Pedicino
EQTP	Sharon Blakenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

## National Terrorism Advisory System



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STAC 24 Hour Open Source Report

- Report Attached



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# **SITUATION SUMMARY**

## **Cal OES Activation Status**

<b>State Operations Center</b>	<b>Inland Region EOC</b>	<b>Coastal Region EOC</b>	<b>Southern Region EOC</b>
<b>Level 1</b>	<b>Level 1</b>	<b>Level 1</b>	<b>Level 1</b>

### **2017 Statewide January Winter Storms**

An atmospheric river, a narrow corridor of concentrated moisture, will take aim at California this weekend with heavy precipitation, high snow levels and soils that are already saturated from recent storms. Moderate precipitation starts 01/07/17, but the brunt of the storm will occur 01/08/17, tapering off 01/09/17. Additional storms are possible 01/10/17 into the week ahead. The majority of the precipitation will fall as rain in the mountainous areas as snow levels rise above 8,000 feet.

- See corresponding slide for full briefing

### **Cal OES COASTAL REGION**

- See 2017 Statewide January Winter Storms Slides

### **Cal OES INLAND REGION**

- See 2017 Statewide January Winter Storms Slides

### **Train Derailment, Roseville, Placer County, Hazardous Materials Spill Report: 17-0109**

On 01/06/17 at 0624 hours, the California State Warning Center (CSWC) received a report from Union Pacific Railroad (UPRR) advising that two attached locomotives derailed upright at or near milepost marker #106 of the Martinez Subdivision.

- Railcars were attached to the locomotives.
- No hazardous materials release or injuries were reported.
- Mainline closures were not imposed.
- The cause of the incident is under investigation.
- The CSWC made all appropriate notifications per Hazardous Materials SOP.

### **Cal OES SOUTHERN REGION**

- See 2017 Statewide January Winter Storms Slides

# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### Today

- Will be dry with very cold temperatures expected.
- There is a possibility of icy roads across portions of Northern California.

### Saturday-Monday

- There will be moderate to heavy precipitation for portions of Northern California that may present concerns including:
  - Flooding along small creeks/streams.
  - Clogged drains with inundated flat lands and agricultural areas.
  - Debris flows and mudslides will be possible over burn scars.
  - Main stem flooding could occur for the following rivers:
    - Cosumnes River
    - Truckee River
    - Merced River
    - Feather River
    - Sacramento River

### Tuesday – Thursday

- There will be another round of heavy precipitation with significant impacts to travel along with continued hydrology issues across much of the state.

## **Statewide Significant Watches/Warnings**

A Flood Watch has been issued for a total of [25](#) counties:

- Counties are: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Inyo, [Lake](#), Lassen, Mono, Nevada, Placer, Plumas, Sacramento, San Joaquín, Shasta, Sierra, Solano, Stanislaus, Sutter, Tehama, Tuolumne, Yolo and Yuba.

Flash Flood Watches have been issued for a total of [13](#) counties:

- Counties are: Fresno, Kern, Madera, [Marin](#), Mariposa, [Monterey](#), [Napa](#), [San Mateo](#), [Santa Clara](#), [Santa Cruz](#), [Sonoma](#), Tulare and Tuolumne.

## **Incidents**

- 2017 January Storms has been created in Cal EOC for the regions (Master View)
  - 2017 Coastal Region January Storms
  - 2017 Inland Region January Storms
  - 2017 Southern Region January Storms

# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### **Burn Scars with Potential for Concern**

#### **Coastal Burn Scars**

Jerusalem – Lake and Napa Counties

Rocky – Lake County

Valley – Lake County

Coleman – Monterey County

Soberanes – Monterey County

Loma – Santa Clara County

#### **Inland Burn Scars**

Butte – Amador and Calaveras Counties

Emerald – El Dorado County

King – El Dorado and Placer Counties

Rough – Fresno County

Cedar – Kern County

Erskine – Kern County

Way – Kern County

Gap – Siskiyou County

#### **Southern Burn Scars**

Round – Inyo and Mono Counties

Calgrove – Los Angeles County

Colby – Los Angeles County

Fish – Los Angeles County

Powerhouse – Los Angeles County

Sand – Los Angeles County

Chimney – San Luis Obispo County

Solimar – Ventura County

Springs – Ventura County





# Points: 6-Day QPF

Areal: Thu Jan 05 04 AM PST (05/12Z) through Wed Jan 11 04 AM PST (11/12Z)

**Gap Fire**  
3.00-4.00 in

**Hard Scrabble  
Creek Fire**  
1.50-2.50 in

**Little Valley Fire**  
4.00 - 5.50 in

**Rocky & Jerusalem  
Fires**  
4.75-5.75 in

**Valley Fire**  
7.00-9.75 in

**King Fire**  
10.0 – 13.5 in

**Emerald Fire**  
10.00 – 13.00 in

**Butte Fire**  
7.00 – 8.80 in

**Round Fire**  
1.70 – 3.60 in

Map created: Thu January 5, 2017 10:27 AM PDT

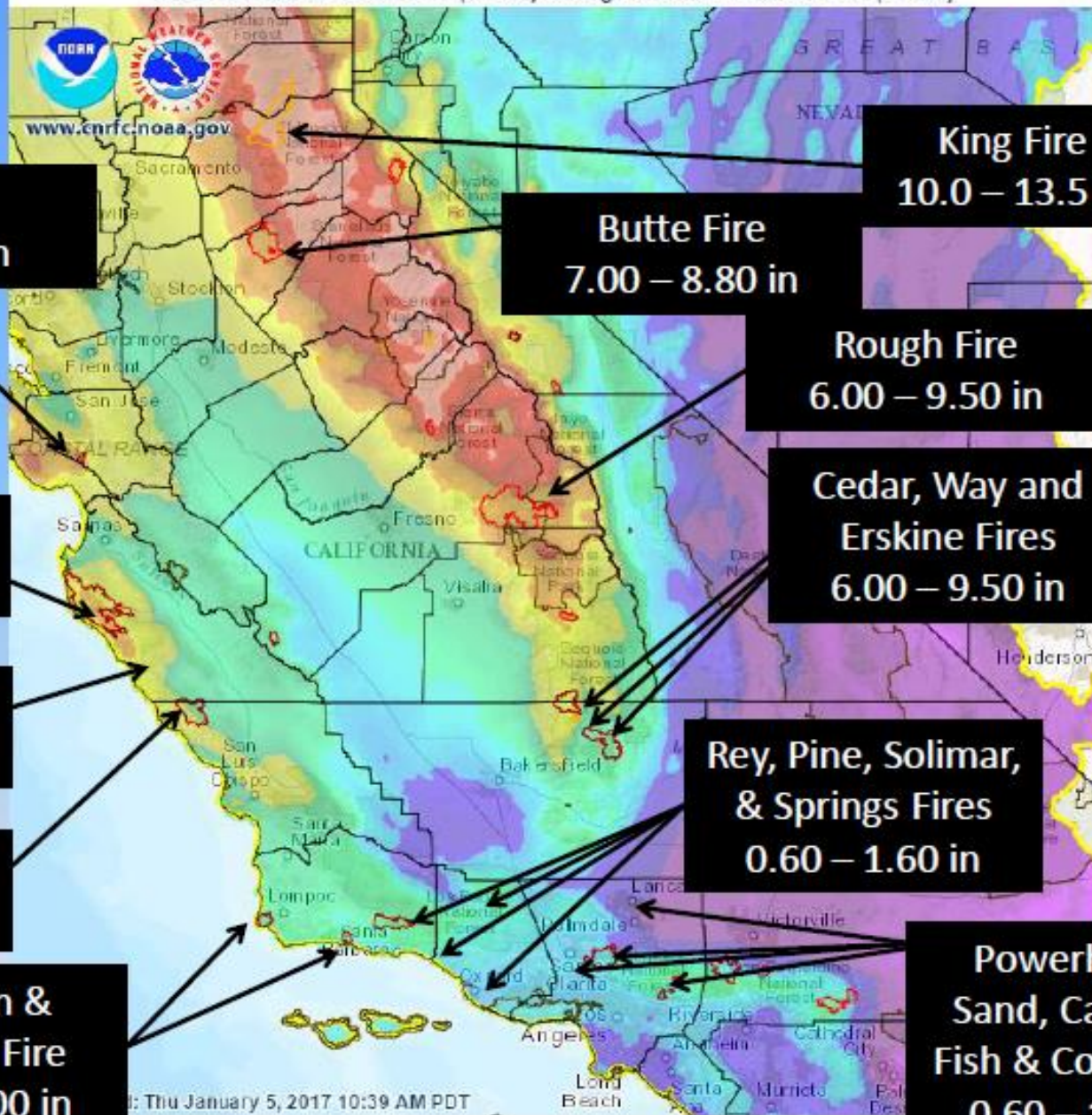
Precipitation (inches)





# Points: 6-Day QPF

Areal: Thu Jan 05 04 AM PST (05/12Z) through Wed Jan 11 04 AM PST (11/12Z)



www.cnrfc.noaa.gov

**Loma Fire**  
5.50 – 7.50 in

**Butte Fire**  
7.00 – 8.80 in

**King Fire**  
10.0 – 13.5 in

**Rough Fire**  
6.00 – 9.50 in

**Cedar, Way and Erskine Fires**  
6.00 – 9.50 in

**Sobranes Fire**  
4.50-7.00 in

**Coleman Fire**  
3.00-3.50 in

**Chimney Fire**  
2.25-4.00 in

**Canyon & Sherpa Fire**  
1.00-2.00 in

**Rey, Pine, Solimar, & Springs Fires**  
0.60 – 1.60 in

**Powerhouse, Sand, Calgrove, Fish & Colby Fires**  
0.60 – 1.60 in

Precipitation (inches)



# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### **State/Federal Agency Preparatory Activities**

#### **Cal OES Law Branch**

On 01/05/17 the Cal OES Law Duty Officer (LDO) advised that the Cal OES Law Enforcement Branch will continue to monitor the effects of a series of storms expected over the next several days.

- Cal OES Law Coordinators are working with Operation Areas (OA) to identify needs and preposition resources.

#### **State Parks**

- California State Parks has notified their Public Safety Superintendents in all Districts advising them to take precautions for storm preparation, as well as staffing accordingly and advising park visitors via typical communication methods.

#### **Department of Water Resources**

- The Department of Water Resources (DWR) Flood Operations Center (FOC) will remain at regular Duty Monitor status through 01/06/17 and continue to monitor conditions, update river recordings, and make High Water Notification Calls.
  - DWR will pre-position personnel and flood fight materials ahead of the weather and will activate 01/07/17 and 01/08/17 with 24-hour staffing.
  - DWR advises there are no requests for assistance at this time.
  - Updates will follow if they become necessary.

#### **California Nevada River Forecast Center**

- The California Nevada River Forecast Center (CNRFC) will extend staffing coverage overnight 01/07/17 and 01/08/17 and will issue four hydrologic forecasts per day starting in the morning on 01/08/17.



# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### **Cal OES Coastal Region**

On 01/05/17, the Cal OES Coastal Duty Officer (Cal OES CDO) advised that Cal OES Coastal Region will continue to monitor activity throughout the region.

- The Region will be conducting regular check in with Operational Areas (OAs) to monitor the impacts from storms that brought significant wind, heavy rains and colder temperatures.
- At this time, there are no unmet needs or requests for assistance.

### **Activations**

- California Highway Patrol (CHP) Golden Gate will activate their Emergency Operations Center (EOC) on a limited basis.

### **Deployments**

- None at this time

### **County Preparatory Activities**

- All OAs are taking preparation measures and will provide further information as it becomes available.
- No requests for state assistance at this time.

### **Missions**

- 2017-Coastal-29146 – Del Norte County has requested local CAL FIRE sandbagging crews in preparation for upcoming heavy precipitation

### **Critical Infrastructure**

- Pacific Gas and Electric (PG&E) will be utilizing advanced planning with additional staff and they will activate their Emergency Operations Center (EOC) to coordinate any power outages and gas leaks.
  - They will be activating a base camp in Scotts Valley, Santa Cruz County, to address issues in the county through 01/11/17.
- California Utilities Emergency Association (CUEA) reported that all utilities are on storm alert mode and the waste water entities have the capability for the storm.

### **Transportation**

- Caltrans will begin implementing a 24 hour staffing pattern with 0600 to 1800 and 1800 to 0600 shifts in affected counties.
- CHP Golden Gate reports they will be monitoring roadways and hazards and will be in communication with Caltrans.
  - CHPs North Division reports they will be deploying additional commercial assets to Hwy 299 / 89 area.

# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### **Cal OES Coastal Region (Continued)**

**River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday:**

Humboldt County:

- [Eel River at Fernbridge](#)

Mendocino County:

- [Navarro River at Navarro](#)

Sonoma County:

- [Russian River at Guerneville](#)

Napa County:

- [Napa River at Saint Helena](#)

**River Forecast - The following rivers are forecast to meet or exceed monitor stage through Monday:**

- Humboldt County: [Mad River at Arcata](#); [Van Duzen River at Bridgeville](#)
- Santa Clara County: [Guadalupe River at San Jose-Almaden Expressway](#)

**Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>**

# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### **Cal OES Inland Region**

#### **Activations**

- None at this time

#### **Deployments**

- None at this time

#### **County Preparatory Activities**

- All Operational Areas (OAs) are taking preparation measures at this time and will provide further information as it becomes available.
- No requests for state assistance at this time.

#### **Missions**

- None at this time

#### **Infrastructure**

- None at this time

#### **Evacuations**

Per the Cal OES Law Duty Officer (LDO), on 01/05/17, Yosemite National Park will be closing the park and evacuating all tourists and non-essential staff from the valley by [this evening, 01/06/17](#).

- Based on current forecast and prior weather incidents (1997 flooding event) they are preparing for a worst case scenario and taking the proper precautions.
- The Cal OES Law Branch has been in contact with Yosemite's Search and Rescue coordinator and Deputy Chief Ranger who are coordinating this evacuation event.
- There are no requests for assistance or unmet needs.



# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### **Cal OES Inland Region (Continued)**

#### **River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday:**

Lassen County:

- [Susan River at Susanville](#)

Tehama County:

- [Sacramento River at Tehama Bridge](#); [Sacramento River at Vina Woodson Bridge](#)

Plumas County

- [Middle Fork Feather River at Portola](#)

Glenn County:

- [Sacramento River at Ord Ferry](#)

Placer County:

- [Truckee River at Truckee](#)

Mariposa County:

- [Merced River at Yosemite at Pohono Bridge](#)

Sacramento County:

- [Cosumnes River at Michigan Bar](#); [Cosumnes River at McConnell](#)
- [Mokelumne River at Benson's Ferry](#)

#### **River Forecast - The following rivers are forecast to meet or exceed Monitor Stage through Monday:**

Glenn County: [Sacramento River at Hamilton City](#); [Sacramento River at Butte City](#)

Modoc County: [Pit River at Canby](#)

Colusa County: [Sacramento River at Moulton Weir](#); [Sacramento River at Colusa Weir](#); [Sacramento River at Colusa Bridge](#)

Yuba County: [Yuba River at Marysville](#)

Placer County: [Bear River at Wheatland](#)

Sutter County: [Sacramento River at Tisdale Weir](#); [Sacramento River at Fremont Weir](#); [Feather River at Nicolaus](#)

Alpine County: [East Fork Carson River at Markleeville](#)

Stanislaus County: [Tuolumne River at Modesto](#)

Merced County: [Merced River at Stevinson](#); [Bear Creek at McKee Road](#)

**Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>**



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# **SITUATION SUMMARY**

## **2017 Statewide January Winter Storms**

### **Cal OES Southern Region**

On 01/04/17, the Cal OES Southern Duty Officer (SDO) advises that Mono County Operational Area (OA) major concern is flooding in multiple areas based on history and the forecast.

- Sunday through Monday is the time frame for the majority of anticipated rainfall from this system.
- There are no plans to proclaim a local emergency.
- The Cal OES Law Duty Officer (LDO) will be working with the Sheriff to formulate any specific requests on 01/05/17.
- The Cal OES SDO and Southern Region will continue to stay in contact with the OA and will provide updates as warranted.

### **Activations**

- None at this time

### **Deployment**

- None at this time

### **County Preparatory Activities**

- Mono County OA is taking preparation measures at this time.
- No requests for state assistance.

### **Missions**

- None requested at this time

### **Infrastructure**

- Currently no infrastructure issues at this time

**Please see link for River Forecast Guidance - <http://www.cnrfc.noaa.gov/>**

## **FIRE ACTIVITY**

### **Cal OES Fire Preparedness Levels**

<b>National</b>	<b>Northern California</b>	<b>Southern California</b>
<b>Preparedness Level 1</b>	<b>Preparedness Level 1</b>	<b>Preparedness Level 2</b>
	<b>Multi-Agency Coordination System MACS Mode: 2</b>	<b>Multi-Agency Coordination System MACS Mode: 2</b>

- Nothing Significant to Report.



# MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures

## Lifeline Routes:

San Bernardino County: Interstate 15 is closed from 1.5 miles east of the junction of State Route 127 to 23.8 miles west of the Nevada State Line at Cima Road.

- Estimated time of reopening: Unknown

## Non-Lifeline Routes:

Kern County:

- State Route 184 is closed from 5.9 miles south of the junction of State Route 58 at Panama Road to 0.9 miles south of the junction of State Route 58 at Red Bank Road due to flooding.
  - Estimated time of reopening: Unknown
- State Route 155 is closed from Glenville to Greenhorn Summit due to flooding.
  - Estimated time of reopening: Unknown
- State Route 178 is closed from 4.1 miles east of the Junction of State Route 184 to 12.5 miles west of the Junction of State Route 155.
  - Estimated time of reopening: 01/06/17

## Wildfire Closures:

- There are no Wildfire Closures at this time.

## Emergency Center Activations:

- There are no Emergency Center Activations at this time.

## Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check  
current highway conditions.  
You can also call 1-800-427-7623 for  
current highway conditions.



## California 911 System

CA 911 Outages		
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

### Service Interruptions:

- None reported.

### Remote/Community Isolations:

- None reported

# WEATHER OF CONCERN

## Weather of Concern

- Today will be the last day to prepare for the upcoming atmospheric river that will bring severe precipitation this weekend throughout Northern and Central California.

## **Active Weather Warnings, Watches and Advisories by County:**

[http://www.wrh.noaa.gov/sto/brief/wwa\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php)



# Key Points

01/06 – 01/13

## Friday

- Drier with very cold temperatures expected. Possibility of icy roads across portions of Northern California.

## Saturday-Monday

- Moderate to heavy precipitation northern 2/3 of California. Many hydro concerns including:
  - Flooding along small creeks/streams
  - Clogged drains with inundated flat lands and agricultural areas
  - Debris flows and mudslides possible over burn scars
  - Main stem flooding for the following rivers:
    - Cosumnes River
    - Truckee River
    - Merced River
    - Feather River
    - Sacramento River

## Tuesday - Thursday

- Another round of heavy precipitation with significant impacts to travel along with continued hydro issues across much of the state.



# California OES Impact Threat Matrix

Jan 06, 2017 – Jan 13, 2017

DAY/THREAT	FRI	SAT	SUN	MON	TUE	WED	THU
Fire Weather							
Winds					Nrn & Cntrl CA	Nrn & Cntrl CA	
Extreme Cold	N.CA						
Snow		Sierra	Sierra	N. CA/ Sierra	N.CA/ N.Sierra	Nrn & Cntrl CA	
Heavy Rain/ Flash Flooding		Cntrl CA	Cntrl CA	Nrn & Cntrl CA	N.CA/N. Sierra		
Debris Flows/Mud Slides		Burn Scars	Burn Scars	Burn Scars	Nrn Half CA		
River Flooding							

	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat



# **WEATHER SYNOPSIS BY REGION**

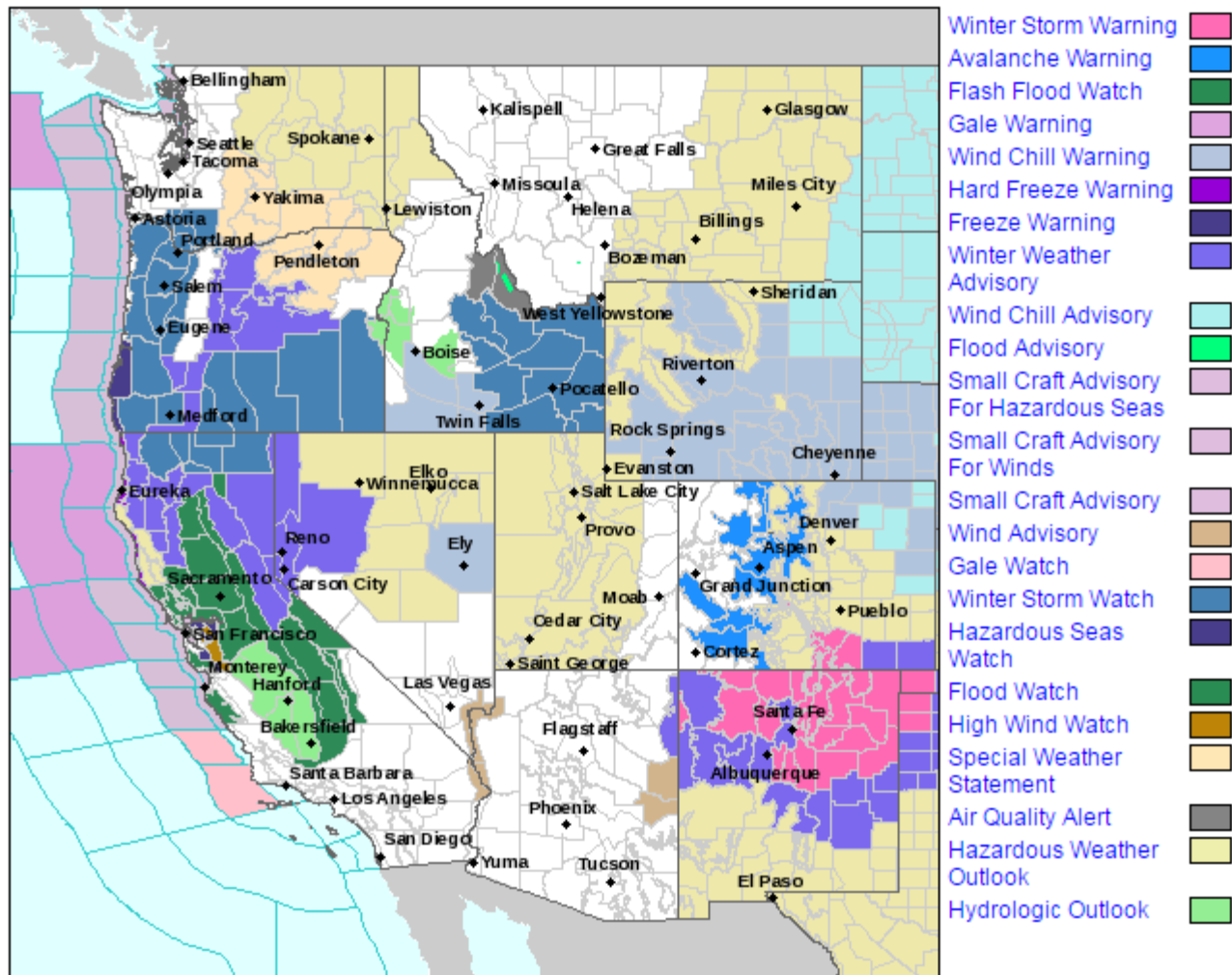
## **NORTHERN CALIFORNIA**

A series of very wet Pacific winter storms will continue to impact Northern California for the next week to ten days. Light to locally moderate northwest to northeast surface winds is gradually moving in behind this system. A second storm system will arrive tonight or Saturday and continue into early next week. More waves of moderate to heavy precipitation will follow all of next week. Snow levels will generally be 2000-4000 feet in the north and 3000-5000 feet in the south - at times a bit higher as a wave of precipitation approaches and then sometimes lower at the tail end of each wave. Gusty southeast to southwest winds will also be common as each wave approaches. Total water equivalent for the next week could be 10-15 inches in the mountains and 2-5 inches at lower elevations.

## **SOUTHERN CALIFORNIA**

A weak ridge of high pressure will move over California bringing dry conditions and light winds to the entire area today. Zonal flow will set up again across California on Saturday and continue through the end of next week bringing periods of rain at times. Central California will see much more rainfall than Southern California and will have more rainy days. 6 to 12 inches of rainfall will fall over the foothills and mountains of Central California, while the coastal and valley locations of Central California receive 1 to 4 inches of rainfall Saturday through Monday. Southern California will receive less than an inch of rainfall during this time, with most of the rainfall occurring Monday. The snow level will increase to around 10,000 feet this weekend and then drop back down to between 6,000 and 8,000 feet Monday. There will be periods of strong and gusty south to west winds over the wind prone mountain and desert areas Saturday through the end of next week. Temperatures will be mainly near normal through the end of next week, with 40s to low 50s in the mountains and mid 50s to mid 60s in the valleys.

# WEATHER MAP



Last map update: Jan, 6th 2017 at 6:24:13 am MST



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# **CAL OES LAW ENFORCEMENT MISSIONS**

## **Ongoing Cal OES Law Missions**

- **2017-LAW-29095, 1/4/1, 0911 hours:** San Luis Obispo Sheriff's Office requested assistance in recovering two victims from a vehicle that went off a cliff in the area of Ragged Point, along Hwy 1. The victims were several hundred feet down a cliff and would require specialized equipment and personnel to recover. Monterey County Sheriff agreed to assist and were able to recover one victim on 01/04/17. Monterey Sheriff personnel will return on Jan 5 and continue the mission. **Mission Ongoing.**
- **2017-LAW-29106 1/4/17, 2330 hours:** Santa Cruz County requested a swift water team to search Soquel Creek in Santa Cruz for a 80 year old male. The subject was reported missing on Jan 3 at about noon. CHP officers located his vehicle at about 0330 on Jan 4. The vehicle had been involved in a single vehicle accident and indications were that the subject walked away from the accident toward the creek, but he has not been heard from since. Santa Cruz requested the Swift Water team to report to the staging area at 0800 on 01/05/17. No resources were immediately available to fill the request. **Mission Ongoing.**



# CAL OES MISSIONS

## Cal OES Missions

- **2016-Coastal-26477:** Cal Recycle debris removal assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17. **Mission Ongoing.**
- **2016-Coastal-26412:** DTSC clean up assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17. **Mission Ongoing.**
- **2016-IREOC-21748:** Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing.**
- **2015-IREOC-19846:** One RAWS weather station to Amador OA – On scene 11/30/15, expected to be left in place until May 2017. **Mission Ongoing.**

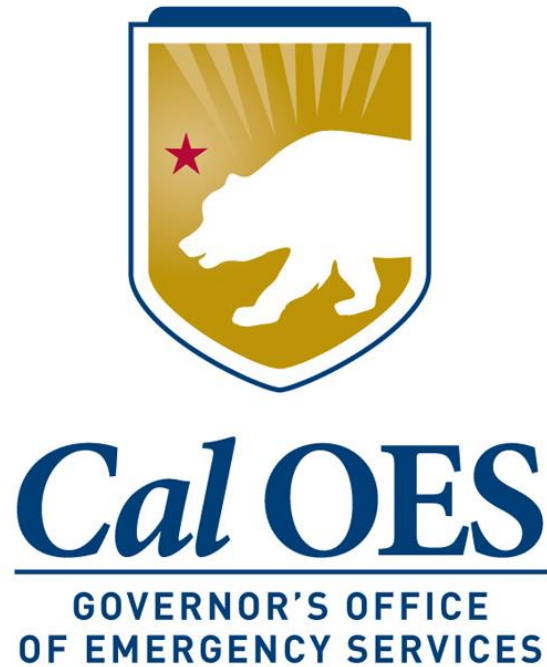
# **Cal OES 2017 DROUGHT**

**The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.**

## **Current Local Emergency Proclamations:**

A total of **58** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County), City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County), Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolumne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*